

**Rhode Island Department of Health
Hospital Discharge Data
Specifications for Public Use Data File**

Fiscal Years Defined As:

(1999) October 1, 1998 - September 30, 1999
(2000) October 1, 1999 - September 30, 2000
(2001) October 1, 2000 - September 30, 2001
(2002) October 1, 2001 - September 30, 2002
(2003) October 1, 2002 - September 30, 2003

Data from three Rhode Island specialty hospitals, Bradley, Butler, and Rehabilitation are included in the public use data files from fiscal year 1999 and forward.

Diskette specifications

Format: DOS, ASCII, 3.5", 1.44MB, compressed (pkzip)
Record length: 350

CD compact disc

Format: DOS, ASCII, 650 MB not compressed
Record length: 350

The following variable was revised from the Fiscal Year 1989 specifications:

SEX Converted from letters (M F) to numbers (1 2)
Sex remains an alpha-numeric variable
Male (M) = "1"
Female (F) = "2"

The following variables were created from the raw data:

TOWN 1. Derived from census tract supplied by hospital
2. Some of the census tracts have the abbreviated state name in the first 2 characters (RI999,CT999,NY999). These are grouped into unknown categories for Rhode Island, Connecticut, Massachusetts and all other states combined.
3. If census tract is missing, zip code may be used to derive town. Only Rhode Island zip codes completely contained within one town can be used in this manner.

AGE Age at admission, computed by subtracting birth date from adm.date

PREOPDAY Computed by subtracting admission date from the principal procedure date. All procedure codes are valid.

LOS Computed by subtracting the admission date from the discharge date

Birthweight Specification:

BWGHT The weight in ounces at birth
Left justification with spaces [alpha-numeric]
ie. '8_' not ' _8'
 '88_' not ' _88'
Discontinued use beginning Fiscal Year 1999

B_WT The weight in **grams** at birth
Beginning Fiscal Year 1999; Added to end of file

Additional Variables Added in 1999:

DX8 to DX11: Additional Diagnostic Codes

ECODE: External Cause of Injury supplied by the Hospital

B_WT: Birth weight in grams

These additional variables will be added to the end of the file description. Hopefully, this will cause the least disruption to your existing programs and enable you to compare across years.

Errors found in Hospital Discharge Data FY 1999 and FY 2000:

For fiscal year 1999, Kent County (7210) is not providing financial information (total charges = 0) October 1998 – April 1999 which involves 8,344 records. They also are not coding census tract for FY 1999 which involves 14,535 records. South County (7209) is not providing race (reported as Unknown) which includes 5,647 records. Bradley reported 857 of their 881 discharges as Other race.

For fiscal year 2000, Kent County (7210) is not providing census tract which involves 12,130 records and South County (7209) is not providing race (reported as Unknown) which involves 5,583 records. Bradley reported 521 of their 769 discharges as Other race.

Due to a change in coding in the data elements used to generate the Expected Source of Payment variable in fiscal year 1999 and 2000 for the 11 acute care general hospitals only, there were a large number of discharges with inaccurate use of the revised insurance codes. Due to this, we have collapsed the Expected Source of Payment variable into the following categories only for both acute care general and specialty hospitals: Self pay, Champus, Free care, Worker's Compensation and All Other Insurance. We believe that these categories are accurate.

In fiscal years 1999 and 2000, the eleven acute care general hospitals used a revised race coding structure that allowed for the separation of white Hispanic and black Hispanic. However, the black Hispanic category was used very infrequently, thus leading us to question the accuracy of this data element. For trending purposes, white Hispanic and black Hispanic were collapsed into and reported as race equal to Hispanic in the public use data file.

Other Errors:

Butler hospital did not report census tract until quarter 2 of fiscal year 2004. Please see note 3 under Town on previous page.

The number of Hispanic records reported across time is considerably variable. Please use this data element with caution. Evaluating trends across time for a specific hospital may be useful. For example, Memorial hospital reported 0 Hispanics 1994-1998 and 2000-2002. Other hospitals have similar, but less extreme, variability across time and/or may be report a large number of records as Other or Unknown race.

Landmark reported birth weight in ounces Jan – Nov 1999. The data was converted to grams. South County reported birth weight in pounds and ounces 1999 – May 2002. The data has been converted to grams.

Rhode Island Department of Health
Hospital Discharge Data – Public Use File Layout
October 1, 1998 through September 30, 2002

<u>Field</u> <u>Name</u>	<u>Position</u>	<u>Field Description</u>	<u>Entries</u>
AGE	1-3	Age	. = Missing/Unknown
SEX	4	Sex	1 = Male 2 = Female blank = Missing/Unknown
RACE	5	Race	1 = White 2 = Black 3 = Asian 4 = American Indian 5 = Hispanic 6 = Other 9 = Unknown Race blank = Missing/Unknown
ZIP	6-10	Zip Code of Residence	99999 = Unknown blank = Missing/Unknown
TOWN	11-12	Town of Residence	00 = City Unknown 01 = Barrington 02 = Bristol 03 = Burrillville 04 = Central Falls 05 = Charlestown 06 = Coventry 07 = Cranston 08 = Cumberland 09 = E. Greenwich 10 = E. Providence 11 = Exeter 12 = Foster 13 = Glocester 14 = Hopkinton 15 = Jamestown 16 = Johnston 17 = Lincoln 18 = Little Compton 19 = Middletown 20 = Narragansett 21 = Newport 22 = New Shoreham 23 = N. Kingstown

Rhode Island Department of Health
Hospital Discharge Data – Public Use File Layout
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Field

<u>Name</u>	<u>Position</u>	<u>Field Description</u>	<u>Entries</u>
Town of Residence (Continued)			24 = N. Providence 25 = N. Smithfield 26 = Pawtucket 27 = Portsmouth 28 = Providence 29 = Richmond 30 = Scituate 31 = Smithfield 32 = S. Kingstown 33 = Tiverton 34 = Warren 35 = Warwick 36 = Westerly 37 = W. Greenwich 38 = W. Warwick 39 = Woonsocket 40 = RI, town Unknown 69 = Massachusetts Town 79 = Connecticut Town 89 = Other Out of State 99 = Unknown

PROVIDER 13-16 Provider

7201 = Newport
 7202 = St. Joseph Health Services of RI
 7203 = Memorial
 7204 = Miriam
 7205 = Rhode Island Hospital
 7206 = Roger Williams
 7209 = South County
 7210 = Kent County
 7211 = Westerly
 7212 = Rehab of RI
 7213 = Landmark Medical Center
 7214 = Women and Infants
 7215 = Bradley
 7216 = Butler

MOA 17-18 Month of Admission

01 = January
 02 = February
 03 = March
 04 = April

Rhode Island Department of Health
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Field

<u>Name</u>	<u>Position</u>	<u>Field Description</u>	<u>Entries</u>
Month of Admission (Continued)			05 = May 06 = June 07 = July 08 = August 09 = September 10 = October 11 = November 12 = December . = Missing/Unknown
YOA	19-20	Year of Admission	Last two digits
MOD	21-22	Month of Discharge	01 = January 02 = February 03 = March 04 = April 05 = May 06 = June 07 = July 08 = August 09 = September 10 = October 11 = November 12 = December . = Missing/Unknown
YOD	23-24	Year of Discharge	Last two digits
ADMTYPE	25	Type of Admission	1 = Emergency 2 = Urgent 3 = Electric 4 = Newborn 5 = Court Committal 9 = Information Not Available blank = Information Not Available
ASOURCE	26	Source of Admission	1 = Physician Referral 2 = Clinic Referral 3 = HMO Referral 4 = Trans-Hospital 5 = Trans-Nurse Facility

**Rhode Island Department of Health
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Field

Name

Position

Field Description

Entries

Source of Admission (Continued)

6 = Trans-Health Care
7 = Emergency Room
8 = Court/Law Enforcement
9 = Information Not Available
blank = Information Not Available

[ADMTYPE must equal 4}

A = Normal Birth
B = Premature Birth
C = Sick Baby
D = Extramural Birth

ATTPHY	27-31	Attending Physician	Hospital Codes
DX1	32-36	Principal Diagnosis	ICD-9-CM
DX2	37-41	1st Additional Dx	ICD-9-CM
DX3	42-46	2nd Additional Dx	ICD-9-CM
DX4	47-51	3rd Additional Dx	ICD-9-CM
DX5	52-56	4th Additional Dx	ICD-9-CM
DX6	57-61	5th Additional Dx	ICD-9-CM
DX7	62-66	6th Additional Dx	ICD-9-CM
PX1	67-70	Principal Procedure	ICD-9-CM
PX2	71-74	1st Additional Proc.	ICD-9-CM
PX3	75-78	2nd Additional Proc.	ICD-9-CM
PX4	79-82	3rd Additional Proc.	ICD-9-CM
PX5	83-86	4th Additional Proc.	ICD-9-CM
PX6	87-90	5th Additional Proc.	ICD-9-CM
PX7	91-94	6th Additional Proc.	ICD-9-CM
PX8	95-98	7th Additional Proc.	ICD-9-CM

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<u>Field Name</u>	<u>Position</u>	<u>Field Description</u>	<u>Entries</u>
PX9	99 -102	8th Additional Proc.	ICD-9-CM
PX10	103-106	9th Additional Proc.	ICD-9-CM
PREOPDAY	107-113	Preoperative Length of Stay	Days (pro.date1 - adm.date) . = Missing/Unknown or No Procedure Performed
LOS	114-120	Length of Stay	Days (disc.date - adm.date)
SURGEON	121-125	Surgeon	Hospital Codes
SERVICE	126-127	Service	02 = Pediatrics 10 = Medicine 22 = Cardiology 38 = Psychiatry 40 = Surgery 48 = Ophthalmology 50 = ENT 54 = Oral Surgery 58 = Orthopedics 62 = Urology 70 = Gynecology 75 = Abortion 76 = OB – Not Delivered 77 = OB – Delivered 80 = Newborn 98 = Rehabilitation
ICU	128-133	ICU Length of Stay	Days
CCU	134-139	CCU Length of Stay	Days
DISP	140-141	Disposition	01 = Discharged to home or self care (routine discharge) 02 = Discharged/transferred to another short-term general hospital 03 = Discharged/transferred to a skilled nursing facility (SNF) 04 = Discharged/transferred to an intermediate care facility (ICF)

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Field

Name

Position

Field Description

Entries

Disposition (Continued)

05 = Discharged/transferred to another type of institution
06 = Discharged/transferred to home under care of organized home health service organization
07 = Left against medical advice
08 = Discharged home with IV care
09 = Partial Hospitalization
20 = Expired
21 = Autopsy performed (Not a valid code beginning FY 2000)
24 = Expired and is a coroner's case (Not a valid code beginning FY 2001)
blank = Missing/Unknown

PAYER

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Expected Source of Payment

0 = Medicare
1 = Medicaid
4 = Worker's Compensation *
5 = Blue Cross
6 = Commercial insurance
7 = Self pay*
8 = Other
9 = No charge*
B = Champus*
D = United Healthcare
E = Coordinated Health Partners Inc
G = RIte Care
P = All other (See *note below)
X = Insurance error

*Note: In fiscal years 1999 and 2000, these were the only categories reported individually. All other categories were collapsed into "P = All Other Insurance".

DRG

143-145

DRG

HCFA DRG's numeric, right justified

***** Charge variables alpha-numeric, with leading zeros. Whole dollar amounts**

TRANDB

146-155

Total Room and Board Charges

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<u>Field</u>			
<u>Name</u>	<u>Position</u>	<u>Field Description</u>	<u>Entries</u>
RANDBG	156-163	General Room and Board Charges	
RANDBS	164-171	Special Room and Board Charges	
ORR	172-179	OR and RR Charges	
ANES	180-187	Anesthesiology Charges	
SEQ	188-195	Supply and Equipment Charges	
LAB	196-203	Laboratory Charges	
DTEST	204-211	Diagnostic Test Charges	
THER	212-219	Therapy Charges	
BLOOD	220-227	Blood Charges	
PHAR	228-235	Pharmacy Charges	
OTHER	236-243	Other Ancillary Charges	
PATCON	244-251	Patient Convenience Charges	
BWGHT	252-254	Birthweight	Ounces (Variable not used beginning FY 1999; See B_WT at the end of the. This variable will be blank for FY 1999 and later.
A_WKDAY	255	Admission Day of Week	1 = Sunday 2 = Monday 3 = Tuesday 4 = Wednesday 5 = Thursday 6 = Friday 7 = Saturday blank = Missing/Unknown
D_WKDAY	256	Discharge Day of Week	1 = Sunday 2 = Monday 3 = Tuesday 4 = Wednesday

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<u>Field</u> <u>Name</u>	<u>Position</u>	<u>Field Description</u>	<u>Entries</u>
			5 = Thursday 6 = Friday 7 = Saturday blank = Missing/Unknown
TOTAL	257-266	Total Patient Charges [alpha-numeric]	
TOT	267-274	Total Patient Charges [numeric]	
DX8	275-279	8 th Additional Dx	ICD-9-CM
DX9	280-284	9 th Additional Dx	ICD-9-CM
DX10	285-289	10 ^h Additional Dx	ICD-9-CM
DX11	290-294	11 th Additional Dx	ICD-9-CM
ECODE	295-299	External Cause of Injury Supplied by Hospital	ICD-9-CM
B_WT	313-316	Birthweight	Grams
FILLER	317-350		

Due to errors in hospital submissions, the fields listed below are not included for 1999-2003 calendar or fiscal year files. These fields will be included beginning calendar year 2004 and will contain more detailed data on payer and race than previously reported.

Insub92 \$ 305-306
Hmoub92 \$ 307-310
Rac_ub92 \$ 311
Ethic 312